

IN THE CLAIMS:

1. (Currently Amended) A video system comprising:
an image capture system configured to capture a plurality of frames of a video clip;
a sequence data generating system for generating data indicative of frame position of each of the plurality of frames;
an orientation sensor configured to provide orientation information for each of the plurality of frames at the time each frame is captured; and
a processor configured to incorporate the orientation information and sequence data into each frame; and
a display configured to display each frame using the orientation information, such that the displayed frame is oriented the same as an orientation of the image capture system when the frame was captured.

2. (Original) The system of claim 1, wherein the orientation information resides in a frame header of each frame.

3. (Original) The system of claim 2, further comprising a memory configured to receive each frame wherein the orientation information resides.

4. (Canceled)

5. (Currently Amended) A method for creating a frame of a video clip, the method comprising the steps of:

capturing an image with an image capture device;

generating a frame having at least image data corresponding to the captured image and sequence data indicative of a frame position in the video clip;

sensing an orientation of the image capture device at the time the image is captured; and

incorporating the orientation information corresponding to the sensed orientation into the frame; and

displaying the frame oriented in accordance with the sensed orientation.

6. (Original) The method of claim 5, further comprising repeating the steps of claim 6 to capture a plurality of serially sequenced frames corresponding to the video clip.

7. (Original) The method of claim 5, wherein the step of incorporating the orientation information comprises incorporating the orientation information into a header of the frame.

8. (Original) The method of claim 5, wherein the step of incorporating the orientation information comprises incorporating the orientation information into the frame as a file.

9. (Original) The method of claim 5, wherein the step of incorporating the orientation information comprises incorporating the orientation information into the image data.

10. (Original) The method of claim 5, further comprising the step of saving the frame to a memory comprising a plurality of serially sequenced frames corresponding to the video clip.

11. (Original) A method for displaying a frame of a video clip, the method comprising the steps of:

receiving the frame having at least image data and sequence data corresponding to an image captured by an image capture device;

receiving orientation information residing in the frame;

determining an orientation of the frame, the orientation of the frame corresponding to the orientation of the image capture device at the time the image was captured; and

displaying the frame oriented in accordance with the determined orientation.

12. (Original) The method of claim 11, further comprising the step of selecting the frame from a plurality of serially sequenced frames corresponding to the video clip.

13. (Original) The method of claim 11, further comprising the step of receiving the orientation information from a header of the frame.

14. (Original) The method of claim 11, further comprising the step of retrieving the frame from a memory.

15. (Original) The method of claim 11, further comprising the steps of: communicating the frame from an image capture device to a processing device; and displaying the frame on a display coupled to the processing device.

16. (Original) The method of claim 11, further comprising displaying the frame on a display coupled to the image capture device.

17. (Currently Amended) A system for providing orientation information for frames of a video clip, comprising:

means for capturing an image;

means for generating a frame having at least image data corresponding to the captured image and sequence data, wherein the frame is one of a plurality of serially sequenced frames corresponding to the video clip;

means for sensing an orientation of an image capture device at the time the image is captured;

means for incorporating the orientation into the frame; and

means for storing the frame with the orientation in a memory; and

means for displaying the frame oriented in accordance with the sensed orientation.

18. (Original) The system of claim 17, further comprising a means for generating orientation information from the orientation of the image capture device such that the orientation information is incorporated into the frame.

19. (Original) The system of claim 18, wherein the means for incorporating comprises means to store the orientation information in a header of the frame.

20. (Currently Amended) A computer-readable medium having embodied with a computer program for displaying a frame of a plurality of serially sequenced frames corresponding to a video clip, the computer program comprising logic configured to perform the steps of:

retrieving the frame from a memory, the frame having at least image data corresponding to a captured image that was captured by an image capture device and sequence data;

receiving orientation information residing in the frame;

determining an orientation of the frame, the orientation of the frame corresponding to the orientation of the image capture device when the image was captured; and

displaying the frame in accordance with the determined orientation.

21. (Currently Amended) A computer-readable medium having embodied with a computer program for providing orientation information for a frame of a video clip, the computer program comprising logic configured to perform the steps of:

receiving information from an image capturing system, the information corresponding to a captured image;

generating a frame having at least image data and sequence data corresponding to the captured image, wherein the frame is one of a plurality of serially sequenced frames corresponding to the video clip;

sensing an orientation of an image capture device at the time the frame is generated; and

incorporating the orientation into the frame; and

displaying the frame oriented in accordance with the sensed orientation.

22. (Currently Amended) A video clip comprising:

a first frame comprising image data, video sequence data and image orientation data; and

a second frame comprising second image data, second video sequence data and second image orientation data, the second frame serially sequenced immediately behind the first frame.